\_\_\_\_\_\_

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: Mon Oct 15 13:02:59 EDT 2007

\_\_\_\_\_

## Validated By CRFValidator v 1.0.3

Application No: 10567765 Version No: 1.1

Input Set:

Output Set:

**Started:** 2007-10-15 13:02:08.885 **Finished:** 2007-10-15 13:02:09.456

**Elapsed:** 0 hr(s) 0 min(s) 0 sec(s) 571 ms

Total Warnings: 0

Total Errors: 0

No. of SeqIDs Defined: 6

Actual SeqID Count: 6

## SEQUENCE LISTING

<110>	EXELIXIS, INC.					
<120>	MELKS AS MODIE	TIERS OF THE	RAC PATHWAY	Y AND METHOI	DS OF USE	
<130>	EX04-059C-PC					
<140>	10567765					
<141>	2006-02-10					
<150>	US 60/495,193					
<151>	2003-08-14					
<160>	6					
<170>	PatentIn versi	on 3.2				
<210>	1					
<211>	2470					
<212>	DNA					
<213>	Homo sapiens					
<400>	1					
ttggcgg	ggcg gaagcggcca	a caacccggcg	atcgaaaaga	ttcttaggaa	cgccgtacca	60
gccgcgt	ctc tcaggacago	e aggeeeetgt	ccttctgtcg	ggcgccgctc	agccgtgccc	120
teegeee	cctc aggttctttt	tctaattcca	aataaacttg	caagaggact	atgaaagatt	180
atgatga	act tctcaaatat	tatgaattac	atgaaactat	tgggacaggt	ggctttgcaa	240
aggtcaa	act tgcctgccat	atccttactg	gagagatggt	agctataaaa	atcatggata	300
aaaacac	cact agggagtgat	: ttgccccgga	tcaaaacgga	gattgaggcc	ttgaagaacc	360
tgagaca	atca gcatatatgt	caactctacc	atgtgctaga	gacagccaac	aaaatattca	420
tggttct	tga gtactgccct	ggaggagagc	tgtttgacta	tataatttcc	caggatcgcc	480
tgtcaga	aaga ggagacccgo	g gttgtcttcc	gtcagatagt	atctgctgtt	gcttatgtgc	540
acagcca	aggg ctatgctcac	agggacctca	agccagaaaa	tttgctgttt	gatgaatatc	600
ataaatt	aaa gctgattgac	: tttggtctct	gtgcaaaacc	caagggtaac	aaggattacc	660
atctaca	agac atgctgtggg	g agtctggctt	atgcagcacc	tgagttaata	caaggcaaat	720
catatct	tgg atcagaggca	a gatgtttgga	gcatgggcat	actgttatat	gttcttatgt	780
gtggatt	tct accatttgat	gatgataatg	taatggcttt	atacaagaag	attatgagag	840
gaaaata	atga tgttcccaaq	g tggetetete	ccagtagcat	tctgcttctt	caacaaatgc	900
tgcaggt	gga cccaaagaaa	a cggatttcta	tgaaaaatct	attgaaccat	ccctggatca	960

tgcaagatta caactatcct gttgagtggc aaagcaagaa tccttttatt cacctcgatg 1020

atgattgcgt	aacagaactt	tctgtacatc	acagaaacaa	caggcaaaca	atggaggatt	1080
taatttcact	gtggcagtat	gatcacctca	cggctaccta	tcttctgctt	ctagccaaga	1140
aggctcgggg	aaaaccagtt	cgtttaaggc	tttcttcttt	ctcctgtgga	caagccagtg	1200
ctaccccatt	cacagacatc	aagtcaaata	attggagtct	ggaagatgtg	accgcaagtg	1260
ataaaaatta	tgtggcggga	ttaatagact	atgattggtg	tgaagatgat	ttatcaacag	1320
gtgctgctac	tccccgaaca	tcacagttta	ccaagtactg	gacagaatca	aatggggtgg	1380
aatctaaatc	attaactcca	gccttatgca	gaacacctgc	aaataaatta	aagaacaaag	1440
aaaatgtata	tactcctaag	tctgctgtaa	agaatgaaga	gtactttatg	tttcctgagc	1500
caaagactcc	agttaataag	aaccagcata	agagagaaat	actcactacg	ccaaatcgtt	1560
acactacacc	ctcaaaagct	agaaaccagt	gcctgaaaga	aactccaatt	aaaataccag	1620
taaattcaac	aggaacagac	aagttaatga	caggtgtcat	tagccctgag	aggcggtgcc	1680
gctcagtgga	attggatctc	aaccaagcac	atatggagga	gactccaaaa	agaaagggag	1740
ccaaagtgtt	tgggagcctt	gaaagggggt	tggataaggt	tatcactgtg	ctcaccagga	1800
gcaaaaggaa	gggttctgcc	agagacgggc	ccagaagact	aaagcttcac	tataatgtga	1860
ctacaactag	attagtgaat	ccagatcaac	tgttgaatga	aataatgtct	attcttccaa	1920
agaagcatgt	tgactttgta	caaaagggtt	atacactgaa	gtgtcaaaca	cagtcagatt	1980
ttgggaaagt	gacaatgcaa	tttgaattag	aagtgtgcca	gcttcaaaaa	cccgatgtgg	2040
tgggtatcag	gaggcagcgg	cttaagggcg	atgcctgggt	ttacaaaaga	ttagtggaag	2100
acatcctatc	tagctgcaag	gtataattga	tggattcttc	catcctgccg	gatgagtgtg	2160
ggtgtgatac	agcctacata	aagactgtta	tgatcgcttt	gattttaaag	ttcattggaa	2220
ctaccaactt	gtttctaaag	agctatctta	agaccaatat	ctctttgttt	ttaaacaaaa	2280
gatattattt	tgtgtatgaa	tctaaatcaa	gcccatctgt	cattatgtta	ctgtctttt	2340
taatcatgtg	gttttgtata	ttaataattg	ttgactttct	tagattcact	tccatatgtg	2400
aatgtaagct	cttaactatg	tctctttgta	atgtgtaatt	tctttctgaa	ataaaaccat	2460
ttgtgaatat						2470

<sup>&</sup>lt;210> 2

<sup>&</sup>lt;211> 2510

<sup>&</sup>lt;212> DNA

<sup>&</sup>lt;213> Homo sapiens

ggcacgaggc gaaaagattc ttaggaacgc cgtaccagcc gcgtctctca ggacagcagg 60 cccctgtcct tctgtcgggc gccgctcagc cgtgccctcc gcccctcagg ttctttttct 120 aattccaaat aaacttgcaa gaggactatg aaagattatg atgaacttct caaatattat 180 240 gaattacatg aaactattgg gacaggtggc tttgcaaagg tcaaacttgc ctgccatatc 300 cttactggag agatggtagc tataaaaatc atggataaaa acacactagg gagtgatttg 360 ccccggatca aaacggagat tgaggccttg aagaacctga gacatcagca tatatgtcaa ctctaccatg tgctagagac agccaacaaa atattcatgg ttcttgagta ctgccctgga 420 ggagagctgt ttgactatat aatttcccag gatcgcctgt cagaagagga gacccgggtt 480 540 gtcttccgtc agatagtatc tgctgttgct tatgtgcaca gccagggcta tgctcacagg gacctcaagc cagaaaattt gctgtttgat gaatatcata aattaaagct gattgacttt 600 ggtctctgtg caaaacccaa gggtaacaag gattaccatc tacagacatg ctgtgggagt 660 720 ctggcttatg cagcacctga gttaatacaa ggcaaatcat atcttggatc agaggcagat gtttggagca tgggcatact gttatatgtt cttatgtgtg gatttctacc atttgatgat 780 840 gataatgtaa tggctttata caagaagatt atgagaggaa aatatgatgt tcccaagtgg ctctctccca gtagcattct gcttcttcaa caaatgctgc aggtggaccc aaagaaacgg 900 atttctatga aaaatctatt gaaccatccc tggatcatgc aagattacaa ctatcctgtt 960 1020 gagtggcaaa gcaagaatcc ttttattcac ctcgatgatg attgcgtaac agaactttct gtacatcaca gaaacaacag gcaaacaatg gaggatttaa tttcactgtg gcagtatgat 1080 1140 cacctcacgg ctacctatct tctgcttcta gccaagaagg ctcggggaaa accagttcgt ttaaggettt ettettete etgtggacaa geeagtgeta eeecatteae agacateaag 1200 tcaaataatt ggagtctgga agatgtgacc gcaagtgata aaaattatgt ggcgggatta 1260 1320 atagactatg attggtgta agatgattta tcaacaggtg ctgctactcc ccgaacatca cagtttacca agtactggac agaatcaaat ggggtggaat ctaaatcatt aactccagcc 1380 ttatgcagaa cacctgcaaa taaattaaag aacaaagaaa atgtatatac tcctaagtct 1440 gctgtaaaga atgaagagta ctttatgttt cctgagccaa agactccagt taataagaac 1500 cagcataaga gagaaatact cactacgcca aatcgttaca ctacaccctc aaaagctaga 1560 1620 aaccagtgcc tgaaagaaac tccaattaaa ataccagtaa attcaacagg aacagacaag ttaatgacag gtgtcattag ccctgagagg cggtgccgct cagtggaatt ggatctcaac 1680

caagcacata	tggaggagac	tccaaaaaga	aagggagcca	aagtgtttgg	gagccttgaa	1740
agggggttgg	ataaggttat	cactgtgctc	accaggagca	aaaggaaggg	ttctgccaga	1800
gacgggccca	gaagactaaa	gcttcactat	aatgtgacta	caactagatt	agtgaatcca	1860
gatcaactgt	tgaatgaaat	aatgtctatt	cttccaaaga	agcatgttga	ctttgtacaa	1920
aagggttata	cactgaagtg	tcaaacacag	tcagattttg	ggaaagtgac	aatgcaattt	1980
gaattagaag	tgtgccagct	tcaaaaaccc	gatgtggtgg	gtatcaggag	gcagcggctt	2040
aagggcgatg	cctgggttta	caaaagatta	gtggaagaca	tcctatctag	ctgcaaggta	2100
taattgatgg	attcttccat	cctgccggat	gagtgtgggt	gtgatacagc	ctacataaag	2160
actgttatga	tcgctttgat	tttaaagttc	attggaacta	ccaacttgtt	tctaaagagc	2220
tatcttaaga	ccaatatctc	tttgttttta	aacaaaagat	attattttgt	gtatgaatct	2280
aaatcaagcc	catctgtcat	tatgttactg	tctttttaa	tcatgtggtt	ttgtatatta	2340
ataattgttg	actttcttag	attcacttcc	atatgtgaat	gtaagctctt	aactatgtct	2400
ctttgtaatg	tgtaatttct	ttctgaaata	aaaccatttg	tgaatataaa	aaaaaaaaa	2460
aaaaaaaaaa	aaaaaaaaa	aaaaaaaaa	aaaaaaaaa	aaaaaaaaa		2510

<210> 3

<211> 2158

<212> DNA

<213> Homo sapiens

<400> 3

gctagcgcta ccggactcag atctatttag gtgacactat agaagagcca agctgctcga 120 gccgccacca tggactacaa ggacgatgac gataagggat ccaaagatta tgatgaactt ctcaaatatt atgaattaca tgaaactatt gggacaggtg gctttgcaaa ggtcaaactt 180 gcctgccata tccttactgg agagatggta gctataaaaa tcatggataa aaacacacta 240 300 gggagtgatt tgccccggat caaaacggag attgaggcct tgaagaacct gagacatcag catatatgtc aactctacca tgtgctagag acagccaaca aaatattcat ggttcttgag 360 tactgccctg gaggagagct gtttgactat ataatttccc aggatcgcct gtcagaagag 420 480 gagacccggg ttgtcttccg tcagatagta tctgctgttg cttatgtgca cagccagggc tatgctcaca gggacctcaa gccagaaaat ttgctgtttg atgaatatca taaattaaag 540 ctgattgact ttggtctctg tgcaaaaccc aagggtaaca aggattacca tctacagaca 600 660 tgctgtggga gtctggctta tgcagcacct gagttaatac aaggcaaatc atatcttgga

tcagaggcag atgtttggag catgggcata ctgttatatg ttcttatgtg tggatttcta 720 ccatttgatg atgataatgt aatggcttta tacaagaaga ttatgagagg aaaatatgat 780 qttcccaagt ggctctctcc cagtagcatt ctgcttcttc aacaaatgct gcaggtggac 840 900 ccaaagaaac ggatttctat gaaaaatcta ttgaaccatc cctggatcat gcaagattac aactatcctg ttgagtggca aagcaagaat ccttttattc acctcgatga tgattgcgta 960 1020 acagaacttt ctgtacatca cagaaacaac aggcaaacaa tggaggattt aatttcactg tggcagtatg atcacctcac ggctacctat cttctgcttc tagccaagaa ggctcgggga 1080 aaaccaqttc qtttaaqqct ttcttctttc tcctqtqqac aaqccaqtqc taccccattc 1140 1200 acagacatca agtcaaataa ttggagtctg gaagatgtga ccgcaagtaa taaaaattat gtggcgggat taatagacta tgattggtgt gaagatgatt tatcaacagg tgctgctact 1260 ccccgaacat cacagtttac caagtactgg acagaatcaa atggggtgga atctaaatca 1320 1380 ttaactccag ccttatgcag aacacctgca aataaattaa agaacaaaga aaatgtatat actcctaagt ctgctgtaaa gaatgaagag tactttatgt ttcctgagcc aaagactcca 1440 gttaataaga accagcataa gagagaaata ctcactacgc caaatcgtta cactacaccc 1500 tcaaaagcta gaaaccagtg cctgaaagaa actccaatta aaataccagt aaattcaaca 1560 ggaacagaca agttaatgac aggtgtcatt agccctgaga ggcggtgccg ctcagtggaa 1620 1680 ttggatctca accaagcaca tatggaggag actccaaaaa gaaagggagc caaagtgttt gggagccttg aaagggggtt ggataaggtt atcactgtgc tcaccaggag caaaaggaag 1740 ggttctgcca gagacgggcc cagaagacta aagcttcact ataatgtgac tacaactaga 1800 ttagtgaatc cagatcaact gttgaatgaa ataatgtcta ttcttccaaa gaagcatgtt 1860 gactttgtac aaaagggtta tacactgaag tgtcaaacac agtcagattt tgggaaagtg 1980 acaatgcaat ttgaattaga agtgtgccag cttcaaaaac ccgatgtggt gggtatcagg aggcagcggc ttaagggcga tgcctgggtt tacaaaagat tagtggaaga catcctatct 2040 2100 2158 agattttatt tagtctccag aaaaaggggg gaatgaaaga ccccacctgt aggtttgg

<sup>&</sup>lt;210> 4

<sup>&</sup>lt;211> 1734

<sup>&</sup>lt;212> DNA

<sup>&</sup>lt;213> Homo sapiens

tatttaggtg	acactataga	agagccaagc	tgctcgagcc	gccaccatgg	actacaagga	
cgatgacgat	aagggatcca	aagattatga	tgaacttctc	aaatattatg	aattacatga	
aactattggg	acaggtggct	ttgcaaaggt	caaacttgcc	tgccatatcc	ttactggaga	
gatggtagct	ataaaaatca	tggataaaaa	cacactaggg	agtgatttgc	cccggatcaa	
aacggagatt	gaggccttga	agaacctgag	acatcagcat	atatgtcaac	tctaccatgt	
gctagagaca	gccaacaaaa	tattcatggt	tcttgagggt	aacaaggatt	accatctaca	
gacatgctgt	gggagtctgg	cttatgcagc	acctgagtta	atacaaggca	aatcatatct	
tggatcagag	gcagatgttt	ggagcatggg	catactgtta	tatgttctta	tgtgtggatt	
tctaccattt	gatgatgata	atgtaatggc	tttatacaag	aagattatga	gaggaaaata	
tgatgttccc	aagtggctct	ctcccagtag	cattctgctt	cttcaacaaa	tgctgcaggt	
ggacccaaag	aaacggattt	ctatgaaaaa	tctattgaac	catccctgga	tcatgcaaga	
ttacaactat	cctgttgagt	ggcaaagcaa	gaatcctttt	attcacctcg	atgatgattg	
cgtaacagaa	ctttctgtac	atcacagaaa	caacaggcaa	acaatggagg	atttaatttc	
actgtggcag	tatgatcacc	tcacggctac	ctatcttctg	cttctagcca	agaaggctcg	
gggaaaacca	gttcgtttaa	ggctttcttc	tttctcctgt	ggacaagcca	gtgctacccc	
attcacagac	atcaagttta	ccaagtactg	gacagaatca	aatggggtgg	aatctaaatc	
attaactcca	gccttatgca	gaacacctgc	aaataaatta	aagaacaaag	aaaatgtata	
tactcctaag	tctgctgtaa	agaatgaaga	gtactttatg	tttcctgagc	caaagactcc	
agttaataag	aaccagcata	agagagaaat	actcactacg	ccaaatcgtt	acactacacc	
ctcaaaagct	agaaaccagt	gcctgaaaga	aactccaatt	aaaataccag	taaattcaac	
aggaacagac	aagttaatga	caggtgtcat	tagccctgag	aggcggtgcc	gctcagtgga	:
attggatctc	aaccaagcac	atatggagga	gactccaaaa	agaaagggag	ccaaagtgtt	
tgggagcctt	gaaagggggt	tggataaggt	tatcactgtg	ctcaccagga	gcaaaaggaa	
gggttctgcc	agagacgggc	ccagaagact	aaagcttcac	tataatgtga	ctacaactag	
attagtgaat	ccagatcaac	tgttgaatga	aataatgtct	attcttccaa	agaagcatgt	:
tgactttgta	caaaagggtt	atacactgaa	gtgtcaaaca	cagtcagatt	ttgggaaagt	
gacaatgcaa	tttgaattag	aagtgtgcca	gcttcaaaaa	cccgatgtgg	tgggtatcag	
gaggcagcgg	cttaagggcg	atgcctgggt	ttacaaaaga	ttagtggaag	acatcctatc	
tagctgcaag	gtagaattct	gataatgagc	ggccgcctcg	gccaaacatc	gata	

<210> 5

<211> 2501

<212> DNA

<213> Homo sapiens

<400> 5

ttctgtcggg cgccgctcag ccgtgccctc cgcccctcag gttctttttc taattccaaa 120 180 taaacttgca agaggactat gaaagattat gatgaacttc tcaaatatta tgaattacat 240 gaaactattg ggacaggtgg ctttgcaaag gtcaaacttg cctgccatat ccttactgga 300 gagatggtag ctataaaaat catggataaa aacacactag ggagtgattt gccccggatc aaaacggaga ttgaggcctt gaagaacctg agacatcagc atatatgtca actctaccat 360 gtgctagaga cagccaacaa aatattcatg gttcttgagt actgccctgg aggagagctg 420 480 tttgactata taatttccca ggatcgcctg tcagaagagg agacccgggt tgtcttccgt cagatagtat ctgctgttgc ttatgtgcac agccagggct atgctcacag ggacctcaag 540 ccagaaaatt tgctgtttga tgaatatcat aaattaaagc tgattgactt tggtctctgt 600 gcaaaaccca agggtaacaa ggattaccat ctacagacat gctgtgggag tctggcttat 660 720 gcagcacctg agttaataca aggcaaatca tatcttggat cagaggcaga tgtttggagc atgggcatac tgttatatgt tcttatgtgt ggatttctac catttgatga tgataatgta 780 atggctttat acaagaagat tatgagagga aaatatgatg ttcccaagtg gctctctccc 840 agtagcattc tgcttcttca acaaatgctg caggtggacc caaagaaacg gatttctatg 900 960 aaaaatctat tgaaccatcc ctggatcatg caagattaca actatcctgt tgagtggcaa agcaagaatc cttttattca cctcgatgat gattgcgtaa cagaactttc tgtacatcac 1020 1080 agaaacaaca ggcaaacaat ggaggattta atttcactgt ggcagtatga tcacctcacg gctacctatc ttctgcttct agccaagaag gctcggggaa aaccagttcg tttaaggctt 1140 1200 tcttctttct cctgtggaca agccagtgct accccattca cagacatcaa gtcaaataat 1260 tggagtctgg aagatgtgac cgcaagtgat aaaaattatg tggcgggatt aatagactat gattggtgtg aagatgattt atcaacaggt gctgctactc cccgaacatc acagtttacc 1320 aagtactgga cagaatcaaa tggggtggaa tctaaatcat taactccagc cttatgcaga 1380 1440 acacctgcaa ataaattaaa gaacaaagaa aatgtatata ctcctaagtc tgctgtaaag 1500 aatgaagagt actttatgtt tcctgagcca aagactccag ttaataagaa ccagcataag

cgaaaagatt cttaggaacg ccgtaccagc cgcgtctctc aggacagcag gcccctgtcc

agagaaatac tcactacgcc aaatcgttac actacaccct caaaagctag aaaccagtgc ctgaaagaaa ctccaattaa aataccagta aattcaacag gaacagacaa gttaatgaca 1620 ggtgtcatta gccctgagag gcggtgccgc tcagtggaat tggatctcaa ccaagcacat 1680 1740 atggaggaga ctccaaaaag aaagggagcc aaagtgtttg ggagccttga aagggggttg gataaggtta tcactgtgct caccaggagc aaaaggaagg gttctgccag agacgggccc 1800 agaagactaa agcttcacta taatgtgact acaactagat tagtgaatcc agatcaactg 1860 ttgaatgaaa taatgtctat tcttccaaag aagcatgttg actttgtaca aaagggttat 1920 acactgaagt gtcaaacaca gtcagatttt gggaaagtga caatgcaatt tgaattagaa 1980 gtgtgccagc ttcaaaaacc cgatgtggtg ggtatcagga ggcagcggct taagggcgat 2040 2100 gcctgggttt acaaaagatt agtggaagac atcctatcta gctgcaaggt ataattgatg gattetteea teetgeegga tgagtgtggg tgtgatacag cetacataaa gaetgttatg 2160 atcgctttga ttttaaagtt cattggaact accaacttgt ttctaaagag ctatcttaag 2220 accaatatct ctttgttttt aaacaaaaga tattattttg tgtatgaatc taaatcaagc 2280 ccatctgtca ttatgttact gtctttttta atcatgtggt tttgtatatt aataattgtt 2340 gactttctta gattcacttc catatgtgaa tgtaagctct taactatgtc tctttgtaat 2400 2460 2501 

<210> 6

<211> 651

<212> PRT

<213> Homo sapiens

<400> 6

Met Lys Asp Tyr Asp Glu Leu Leu Lys Tyr Tyr Glu Leu His Glu Thr 1 5 10 15

Ile Gly Thr Gly Gly Phe Ala Lys Val Lys Leu Ala Cys His Ile Leu 20 25 30

Thr Gly Glu Met Val Ala Ile Lys Ile Met Asp Lys Asn Thr Leu Gly
35 40 45

Ser Asp Leu Pro Arg Ile Lys Thr Glu Ile Glu Ala Leu Lys Asn Leu 50 55 60

Arg 65	His	Gln	His	Ile	Cys 70	Gln	Leu	Tyr	His	Val 75	Leu	Glu	Thr	Ala	Asn 80
Lys	Ile	Phe	Met	Val 85	Leu	Glu	Tyr	Суз	Pro 90	Gly	Gly	Glu	Leu	Phe 95	Asp
Tyr	Ile	Ile	Ser 100	Gln	Asp	Arg	Leu	Ser 105	Glu	Glu	Glu	Thr	Arg 110	Val	Val
Phe	Arg	Gln 115	Ile	Val	Ser	Ala	Val 120	Ala	Tyr	Val	His	Ser 125	Gln	Gly	Tyr
Ala	His 130	Arg	Asp	Leu	Lys	Pro 135	Glu	Asn	Leu	Leu	Phe 140	Asp	Glu	Tyr	His
Lys 145	Leu	Lys	Leu	Ile	Asp 150	Phe	Gly	Leu	Cys	Ala 155	Lys	Pro	Lys	Gly	Asn 160
Lys	Asp	Tyr	His	Leu 165	Gln	Thr	Cys	Cys	Gly 170	Ser	Leu	Ala	Tyr	Ala 175	Ala
Pro	Glu	Leu	Ile 180	Gln	Gly	Lys	Ser	Tyr 185	Leu	Gly	Ser	Glu	Ala 190	Asp	Val
Trp	Ser	Met 195	Gly	Ile	Leu	Leu	Tyr 200	Val	Leu	Met	Суз	Gly 205	Phe	Leu	Pro
Phe	Asp 210	Asp	Asp	Asn	Val	Met 215	Ala	Leu	Tyr	Lys	Lys 220	Ile	Met	Arg	Gly
Lys 225	Tyr	Asp	Val	Pro	Lys 230	Trp	Leu	Ser	Pro	Ser 235	Ser	Ile	Leu	Leu	Leu 240
Gln	Gln	Met	Leu	Gln 245	Val	Asp	Pro	Lys	Lys 250	Arg	Ile	Ser	Met	Lys 255	Asn
Leu	Leu	Asn	His 260	Pro	Trp	Ile	Met	Gln 265	Asp	Tyr	Asn	Tyr	Pro 270	Val	Glu
Trp	Gln	Ser	Lys	Asn	Pro	Phe	Ile	His	Leu	Asp	Asp	Asp	Cys	Val	Thr

275 280 285